



A.D. 1799 . . . . . N° 2291.

S P E C I F I C A T I O N

OF

JOSEPH BARTON.

MEDICINES.

L O N D O N :

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Medicines.

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BARTON'S SPECIFICATION.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, JOSEPH BARTON, late of Old Street, in the Parish of Saint Luke, in the County of Middlesex, Chymist, but now of Berners Street, in the Parish of Saint Mary-le-bone, in the said County of Middlesex, Doctor of Physic, send greeting.

5 WHEREAS His most Excellent Majesty King George the Third did, by His Letters Patent under the Great Seal of Great Britain, bearing date at Westminster, the Twenty-eighth day of January, in the thirty-eighth year of His reign, give and grant unto me, the said Joseph Barton, His especial licence that I, the said Joseph Barton, during the term of years therein  
10 mentioned, should and lawfully might use, exercise, and vend, within England, Wales, and the Town of Berwick-upon-Tweed, my discovery of "A MEDICINE OR CHEMICAL PREPARATION WHICH I DENOMINATE COMPOUND CONCENTRATED FLUID VITAL AIR, OF GREAT USE IN THE CURE OF ALL PUTRID DISEASES, FEVEROUS, SCROFULOUS OR SCORBUTIC, AS WELL AS ASTHMATIC, PARALITIC AND NERVOUS COM-  
15 PLAINTS; AND, FOUNDED ON THE SAME BASIS OF DISCOVERY, ANOTHER PREPARATION, WHICH I CALL AERIATED PREVENTATIVE FLUID, AS A PREVENTATIVE FROM PUTRID, MORBID, OR VIRULOUS INFECTION; AND ALSO, FOUNDED ON THE LIKE BASIS OF DISCOVERY, AERIATED LIQUID BALM FOR THE PRESERVING AND BEAUTIFYING THE SKIN;" in which said Letters Patent there is contained a proviso obliging me,  
20 the said Joseph Barton, by an instrument in writing under my hand and seal, to cause a particular description of the nature of my said Invention, and in what manner the same is to be performed, to be inrolled in His Majesty's High Court of Chancery within one calendar month after the date of the said



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recited Letters Patent, as in and by the same (relation being thereunto had, may more fully and at large appear.

**NOW KNOW YE**, that in compliance with the said proviso, I, the said Joseph Barton, do hereby declare that my said discovery is described in manner following (that is to say):—

Vital air oxigin, or depholgesticated air, may be obtained from various substances, viz<sup>t</sup>; almost all metallic substances and metallic calxis from clays, earths, &c. The sole agency of heat is sometimes sufficient to disengage vital air from the substance containing it, but generally vegetable or mineral acids are necessary to the production of a quantity sufficient for real medical use. The mode which I pursue is, first to ascertain the quantity of vital air any substances I mean to obtain it from contains, and then to put into a retort a quantity of the analyzed material with or without any decomposing acid, as may be necessary. To this retort is then attached a tubulated receiver in part filled with water, through which the vital air is made to pass; the mephitic air or cretaceous acid, which almost always will rise with the vital air, will attach itself to the water. A second receiver adapted to the first, into which pure spirit or alcohol is gradually introduced, will then receive the vital air free from the mephetic gas: the pure vital air combining with the spirit forms the liquid of compound concentrated fluid vital air; but as inflammable air will often be produced in the operation, a third receiver attached to the second, as the second to the first, will be found necessary or at least highly useful, into which the inflammable air will, from its lightness, readily ascend, and may be got quit of by absorption, in an alkaline solution in the third receiver, or by occasionally opening the stopper of the third receiver. Vital air, simply combined with pure spirit in the mode before mentioned, is perhaps the most universal solvent in existence, and in peculiar cases may be combined with all or any of the curative medicines with singular advantage; but in the diseases mentioned in my Patent, singly and alone it is a curative. Aeriater preventive fluid is made in the same manner as to apparatus, but instead of spirit in the second receiver the vital air is combined with essential oil and distilled water. Aeriater liquid balm is also made by the same process, only into the second receiver a sufficient quantity of the flowers of roses, jassamine, &c., or of the expressed as well as essential oils of sweet-smelling vegetables is introduced to enable the distilled water to combine with and retain the vital air.

In witness whereof, I, the said Joseph Barton, have hereunto set my hand and seal, this Twenty-eighth day of February, in the year of our Lord One thousand seven hundred and ninety-nine.

JOSEPH BARTON. (L.S.)

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AND BE IT REMEMBERED, that on the Twenty-eighth day of February, in the thirty-ninth year of the reign of His Majesty King George the Third, the said Joseph Barton came before our said Lord the King in His Chancery, and acknowledged the Instrument aforesaid, and all and every thing therein  
5 contained and specified, in form above written. And also the Instrument aforesaid was stamped according to the tenor of the several Statutes made in the sixth year of the late King and Queen William and Mary of England, and so forth, and in the seventeenth, twenty-third, and thirty-seventh years of the reign of His present Majesty King George the Third.

10 Inrolled the Twenty-eighth day of February, in the year above written.

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